

ABSTRACT OF DISCLOSURE

The object of the invention is to provide a vacuum chamber assembly which can be assembled on a spot such as a factory easily and extension of which is easy. Therefore, this invention is a vacuum chamber assembly which constitutes a part of a device such as a sputtering device, comprising at least a floor plate, an upper plate, a plurality of props standing on said floor plate to support said upper plate, and side plates for closing side opening portions between said props, characterized by that: first connected portions between the floor plate and the props and second connected portions between the upper plate and the props are fixed by screw fixing means; side surfaces of the floor plate, the props and the upper plate which constitutes circumferential edge portions of the side opening portions are provided with installation grooves respectively; a gasket which is unitedly constituted of side surface sealing portions which is installed in the installation grooves formed on the circumferential edge portions of the side opening portions respectively, and connection sealing portions for sealing the first connected portions and the second connected portions is provided; and the side plates are fixed to the circumferential edge portions so as to close the side opening portions via the side surface sealing portions of the gasket respectively.